

CLAIMS

1.- A sodium hypochlorite-based bleaching composition that comprises water, a phosphate compound and/or phosphoric acid; wherein the composition has a value of pH 11 that provides the formulation with a higher stability for household use.

2.- The bleaching composition according to claim 1, wherein the phosphate compound is disodium phosphate dodecahydrate.

3.- The bleaching composition according to claims 1 or 2, wherein the disodium phosphate dodecahydrate is present in a ratio of 2% in the composition.

4.- The bleaching composition according to claims 1 to 3, wherein the phosphoric acid is present in the composition in a 1% ratio.

5.- The bleaching composition according to claims 1 to 4, wherein water is present in a 97% ratio.

6.- The bleaching composition according to claim 1, wherein the phosphate compound is diphosphoric-1,1-hydroxyethane-1 acid.

25 7.- The bleaching composition according to

claim 6, wherein the diphosphoric-1,1-hydroxyethane-1 acid is present in a 1% ratio in the composition.

8.- The bleaching composition according to 5 claims 6 and 7, wherein the phosphoric acid is present in a 2.3% ratio.

9.- The bleaching composition according to claims 5, 6, 7 and 8, wherein water is present in a 96.7% ratio.

10 10.- The bleaching composition according to claim 1, wherein the phosphate compound is absent and the phosphoric acid is present in a 3.5% ratio.

11.- The bleaching composition according to claim 10, wherein the water is present in a 96.5% 15 ratio.

12.- A sodium hypochlorite-based bleaching composition that comprises water, a phosphate compound and/or phosphonic acid; wherein the 20 composition shows a value of pH 7 that provides the formulation with a higher stability for industrial use.

13.- The bleaching composition according to claim 12, wherein the phosphate compound is diphosphoric-1,1-hydroxyethane-1 acid.

25 14.- The bleaching composition according to

claims 12 and 13, wherein diphosphoric-1,1-hydroxyethane-1 acid is present in a 2% ratio in the composition.

15.- The bleaching composition according to  
5 claims 12, 13 and 14, wherein the phosphoric acid is present in a 4.5% ratio.

16.- The bleaching composition according to claims 12 to 15, wherein water is present in a 93.5% ratio.

10 17.- The bleaching composition according to claim 12, wherein phosphate compound is absent and phosphoric acid is present in a 7% ratio.

18.- The bleaching composition according to claims 16 and 17, wherein water is present in a 97%  
15 ratio.

19.- A sodium hypochlorite-based bleaching composition, which comprises water, a phosphate compound and/or phosphonic acid; wherein the composition shows a value of pH 7 which provides  
20 the formulation with a higher stability for industrial use.

20.- The bleaching composition according to claim 19, wherein the phosphate compound is diphosphoric-1,1-hydroxyethane-1 acid.

25 21.- The bleaching composition according to

claim 20, wherein the diphosphoric-1,1-hydroxyethane-1 acid is present in a 2% ratio in the composition.

22.- The bleaching composition according to 5 claims 19, 20 and 21, wherein the phosphoric acid is present in a 4.5% ratio.

23.- The bleaching composition according to claims 19 to 22, wherein water is present in a 93.5% ratio.

10 24.- The bleaching composition according to claim 19, wherein the phosphate compound is absent and phosphoric acid is present in a 7% ratio.

25.- The bleaching composition according to claim 24, wherein water is present in a 93% ratio.

15 26.- A method for bleaching textile fibers wherein a solution according to claim 12 is used as additive.

20 27.- The method for bleaching, according to claim 26, wherein the textile fiber can be clothes of mixed fibers (mezclilla).

28.- The method for bleaching, according to claim 26, wherein a necessary amount of additive is added to carry the solution to a pH of 7.